

NEBRASKA WEATHER & CROPS

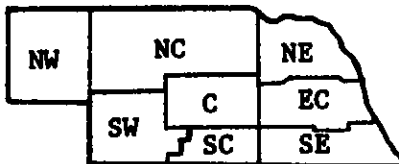
Week Ending May 24, 1987

Run
1400
5/26/87



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Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
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WEATHER

The week was wet and cool. Rainfall occurred almost every day and one- to three-inch amounts were common. Average temperatures ranged from near normal in the southeast to three degrees below normal north and west.

GENERAL

Rain showers across Nebraska limited the amount of fieldwork and planting, but provided needed moisture to the previously seeded crops. The rains also caught some hay growers with their first cutting on the ground. Cultivation and pesticide applications were also active as weather permitted. The number of days suitable for fieldwork averaged 1.7 days for the State.

Topsoil moisture levels improved during the week as the condition rated 3% short, 70% adequate and 27% surplus. Subsoil moisture condition rated 3% short, 81% adequate and 16% surplus. Last year, topsoil moisture rated 6% short, 86% adequate and 8% surplus. Subsoil moisture rated 8% short, 82% adequate and 10% surplus last year.

CROPS

Winter wheat condition rated 17% fair, 74% good and 9% excellent. The crop progressed ahead of average as 99% was jointed compared to 100% last year and 90% for the average. Heading advanced to 65% of the crop compared to 58% last year and a 36% average. Russian wheat aphids continue to infest wheat, barley and oat

CROPS (Cont.)

fields in the Panhandle and Southwest districts.

Corn planting progressed to 98% complete compared to 95% last year and 79% average. Some replanting was necessary in the Southeast District. Cultivation took place on drier soils as 80% of the crop had emerged compared to 80% last year and a 46% average. Some fields in the Central District were treated for cutworms.

Soybean planting advanced to 55% complete compared to 53% last year and a 32% average. The crop was 30% emerged compared to 24% last year and an 18% average. Bean leaf beetles were reported in the East Central District.

Sorghum planting, at 50% complete, was slightly behind last year's progress at 52% but ahead of the average of 32%. The crop was 25% emerged compared to 28% last year and a 12% average.

Alfalfa hay condition rated 1% poor, 12% fair, 75% good and 12% excellent. The rains caught some hay on the ground as 25% of the crop was harvested. Last year, 16% was harvested and the average was 11%. Alfalfa weevils continue to plague hay growers in the southeast quarter of the State. Wild hay condition rated 17% fair, 78% good and 5% excellent.

LIVESTOCK

Pasture and range feed supplies rated 87% adequate and 13% surplus. The rains nourished summer grasses as more cattle were turned out after branding. Cattle are showing good gains on the summer pastures.

Precipitation, April 1 - May 22, 1987

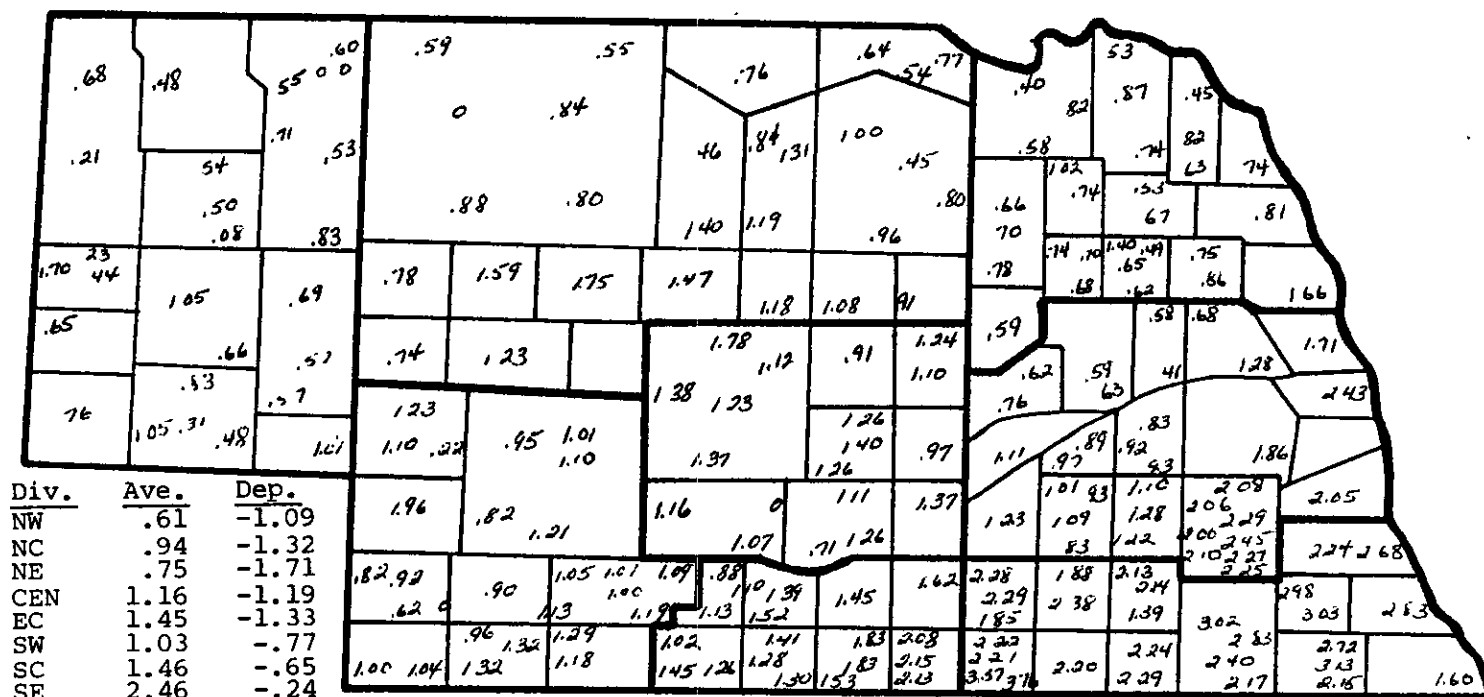
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	1.02	1.01	1.24	1.60	1.53	.94	1.61	1.64
Total since April 1	3.72	3.37	2.82	3.95	3.78	4.44	5.85	6.52
Normal since April 1	3.84	4.21	4.92	4.61	5.15	3.93	4.62	5.50

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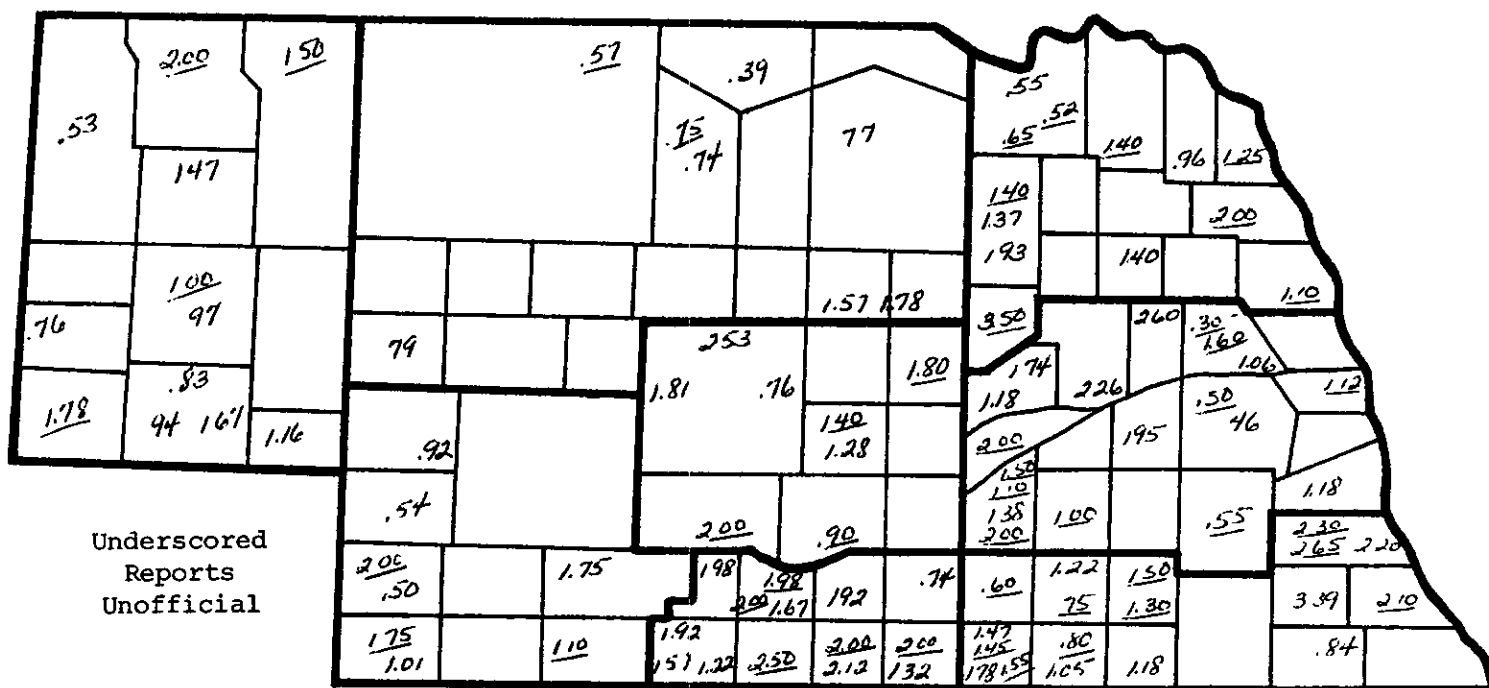
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PRECIPITATION MAP FOR MONTH OF APRIL 1987 1/



1/ Courtesy of the Center for Agricultural Meteorology and Climatology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, MAY 22, 1987



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, MAY 24, 1987

Station		Temperature				Precipitation
		Extremes		Mean	Departure	Total Inches <u>1</u> / <u>100</u>
		Max	Min			
NW	Chadron	80	38	56	--	1.22
	Scottsbluff	81	39	56	-3	2.00
	Sidney	79	37	56	--	1.55
NC	Ord	83	46	61	--	1.01
	Valentine	86	41	58	-1	.45
NE	Norfolk	83	43	60	-2	2.65
	Sioux City	87	41	60	-3	1.10
CEN	Grand Island	84	46	62	-1	1.55
EC	Lincoln	89	45	64	0	.45
	Omaha	91	43	62	-1	1.31
SW	Imperial	--	--	--	--	--
	North Platte	79	44	58	-2	.65

1/ Precipitation totals not included in map above.